

ROBERT E. BUSHNELL*†

HENRY M. ZYKORIE
JOSEPH G. SEEBER*
JOHN C. BROSKY*+
DARREN R. CREW*+
RUY M. GARCIA-ZAMOR*†

MICHAEL D. PARKER
DANIEL A. GESELOWITZ, Ph.D.
(REG. PATENT AGENTS)

R. E. BUSHNELL

ATTORNEY AT LAW

THE INVESTMENT BUILDING
1511 K STREET, N.W., SUITE 425
WASHINGTON, D.C. 20005-1401
UNITED STATES OF AMERICA

INTELLECTUAL PROPERTY LAW

TELEPHONE (202) 638-5740

(202) 638-2011

FACSIMILE (202) 628-0755

FACSIMILE (202) 628-3835

(410) 747-0022

E-MAIL: 2064566@MCIMAIL.COM

December 22, 1998

† ADMITTED IN MARYLAND
* ADMITTED IN VIRGINIA
+ ADMITTED IN PENNSYLVANIA
REG ADMITTED IN D.C.

- ☐ U.S. Postal Service
☐ Via Local Courier
☐ Via International Courier
☐ Via Facsimile No. _____
☐ Via E-Mail Attachment
☐ Please Acknowledge Receipt

Attorney Docket: P55501

The Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

Submitted herewith is the following patent application:

Inventor(s): En-Seung KANG and Jin-Young BYUN

**Title: THE DIGITAL CONTENT ENCRYPTION APPARATUS AND
METHOD THEREOF**

Please find attached hereto an application for patent which includes: Specification and
Abstract, Claims, and a certified copy of the foreign priority document identified below:

Verified Showing of Small Entity Status: NO

Drawings: Formal drawings, 17 sheets, Figures 1 through 23B

Claim of priority under 35 U.S.C. §119: YES

REPUBLIC OF KOREA Application No(s). 98-39808 and 98-39809 filed in Korea
on 24 September 1998.

Fee (see formula below): **CHECK IS ENCLOSED**

Basic Fee \$380/760 \$760.00

Additional Fees:

Total number of claims in excess of 20 49 times 9/18 (49X18) \$882.00

Number of independent claims

in excess of 3: 13 times \$39/78 (13X78) \$1,014.00

Multiple Dependent Claims 3 times \$130/260 (3X260) \$780.00

An Assignment is likewise enclosed: Recording Fee \$40 .. \$00.00

Filing Non-English specification \$ 0.00

TOTAL FEES FOR THE ABOVE APPLICATION \$3,436.00

3518 U.S. PTO
12/22/98

RECEIVED
DEC 22 1998

3518 U.S. PTO
09/217932
12/22/98

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

En-Seong Kang, et al.

Serial No.: *To Be Assigned*

Examiner: *To Be Assigned*

Filed: December 22, 1998

Art Unit: *To Be Assigned*

For: THE DIGITAL CONTENT ENCRYPTION APPARATUS AND METHOD
THEREOF

TRANSMITTAL OF DECLARATION

The Assistant Commissioner
of Patents
Washington, D.C. 20231

Sir:

Accompanying this transmittal is a Declaration for the above-referenced application.

Respectfully submitted,



Robert E. Bushnell

Reg. No.: 27,774

Attorney for the Applicant

1522 K Street, N.W.
Suite 300
Washington, D.C. 20005-1202
Telephone: (202) 638-5740
Telefacsimile: (202) 628-0755

Folio: P55501
Date: 12/22/98
I.D.: REB/lj

RECEIVED 12/22/98

Assistant Commissioner of Patents
December 22, 1998
Page Two

Docket No.: P55501

Inventor(s): En-Seung KANG and Jin-Young BYUN

**Title: THE DIGITAL CONTENT ENCRYPTION APPARATUS AND
METHOD THEREOF**

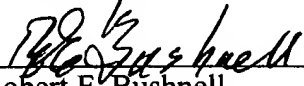
Should the enclosed check become lost or detached from the file, the Commissioner is authorized to charge Deposit Account No. 02-4943 for the fees incurred. Also, kindly charge any underpayment or credit any excess payment, and notify the undersigned attorney of any transaction regarding our Deposit Account accordingly.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

Robert E. Bushnell
1522 K Street, N.W.
Suite 300
Washington, D.C. 20005

Respectfully submitted,



Robert E. Bushnell
(Registration No. 27,774)

1522 K Street, N.W.
Suite 300
Washington, D.C. 20005-1202
Telephone: (202) 638-5740
Telefacsimile: (202) 628-0755

Filio: P55501
Date: December 22, 1998
REB/lj

0021762-1260

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.
These are the fees effective October 1, 1997.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§1.27 and 1.28.

Complete If Known

Application Number	To be Assigned
Filing Date	December 22, 1998
First Named Inventor	En-Seong KANG
Examiner Name	To be Assigned
Group/Art Unit	To be Assigned
Attorney Docket No.	P55501

AMOUNT OF PAYMENT

(\$)3,476.00

METHOD OF PAYMENT (check one)

The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 02-4943
Deposit Account Number: _____

- ☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17. ☐ Charge the Issue Fee Set in 37 C.F.R. §1.18 at the Mailing of the Notice of Allowance.

2. Payment Enclosed:

- ☒ Check ☐ Money Order ☐ Other
(CHECK No(s). 26437 and 26454)

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity				
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	790	201	395	Utility filing fee	\$760.00
106	330	206	165	Design filing fee	\$
107	540	207	270	Plant filing fee	\$
108	790	208	395	Reissue filing fee	\$
114	150	214	75	Provisional filing fee	\$
SUBTOTAL (1)					(\$) <u>760.00</u>

2. EXTRA CLAIM FEES

			Extra Claims	Fee from below	Fee Paid
Total claims	69	20	49	x 18	= \$882
Independent Claims	16	3	13	x 78	= \$1,014
Multiple Dependent	3	x260			= 780.00

** or number previously paid, if greater; For Reissues, see below

Large Entity	Small Entity				
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
103	22	203	11	Claims in excess of 20	
102	82	202	41	Independent claims in excess of 3	
104	270	204	135	Multiple dependent claim, if not paid	
109	82	209	41	** Reissue independent claims over original patent	
110	22	210	11	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)2,676.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity			Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge-late filing fee or oath	\$
127	50	227	25	Surcharge-late provisional filing fee or cover sheet	\$
139	130	139	130	Non-English specification	\$
147	2,520	147	2,520	For filing a request for reexamination	\$
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	\$
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	\$
115	110	215	55	Extension for reply within first month	\$
116	400	216	200	Extension for reply within second month	\$
117	950	217	475	Extension for reply within third month	\$
118	1,510	218	755	Extension for reply within fourth month	\$
128	2,060	228	1,030	Extension for reply within fifth month	\$
119	310	219	155	Notice of Appeal	\$
120	310	220	155	Filing a brief in support of an appeal	\$
121	270	221	135	Request for oral hearing	\$
138	1,510	138	1,510	Petition to institute a public use proceeding	\$
140	110	240	55	Petition to revive - unavoidable	\$
141	1,320	241	660	Petition to revive - unintentional	\$
142	1,320	242	660	Utility issue fee (or reissue)	\$
143	450	243	225	Design issue fee	\$
144	670	244	335	Plant issue fee	\$
122	130	122	130	Petitions to the Commissioner	\$
123	50	123	50	Petitions related to provisional applications	\$
126	240	126	240	Submission of Information Disclosure Statement	\$
581	40	581	40	Recording each patent assignment per property (Times number of properties)	\$40.00
146	790	246	395	Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$
149	790	249	395	For each additional invention to be examined (37 C.F.R. §1.129(b))	\$
Other Fee (specify) _____					\$
Other Fee (specify) _____					\$

** Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

SUBMITTED BY

Typed or Printed Name	Robert E. Bushnell, Esq.	Reg. Number	27,774
Signature	<i>Robert E. Bushnell</i>	Date	December 22, 1998
		Deposit Account User ID	